

BARRIER LAYER FOR AN ARTICLE AND METHOD OF MAKING SAID BARRIER LAYER BY EXPANDING THERMAL PLASMA

Abstract of Disclosure

An article comprising a substrate having a barrier layer. The barrier layer is disposed on the surface of the substrate and resistant to transmission of moisture and oxygen. Methods of depositing such a barrier layer on the substrate are also disclosed. The article may include additional layers, such as, but not limited to, an adhesion layer, abrasion resistant layers, radiation-absorbing layers, radiation-reflective layers, and conductive layers. Such articles include, but are not limited to, light emitting diodes (LEDs), liquid crystal displays (LCDs), photovoltaic articles, electrochromic articles, and organic electroluminescent devices (OLEDs).

Figures

1. The first figure is a line graph showing the relationship between the number of hours spent studying and the score on a test. The x-axis represents the number of hours (0 to 10), and the y-axis represents the score (0 to 100). The data points are as follows:

Hours	Score
0	50
1	55
2	60
3	65
4	70
5	75
6	80
7	85
8	90
9	95
10	100

2. The second figure is a bar chart showing the distribution of test scores for a class of 30 students. The x-axis represents the score range (0-10, 10-20, 20-30, 30-40, 40-50, 50-60, 60-70, 70-80, 80-90, 90-100), and the y-axis represents the number of students (0 to 30). The data is as follows:

Score Range	Number of Students
0-10	2
10-20	3
20-30	5
30-40	8
40-50	10
50-60	12
60-70	15
70-80	18
80-90	20
90-100	22